

[Document Title]

ABSTRACT

[Abstract]

[Object] The main object of the present invention is to provide a method of producing an EL element by which patterning of an organic EL layer is easy and in which an influence by a photocatalyst is little.

[Means of solution] To attain the above-mentioned object, the present invention provides a method of producing an electroluminescent element comprising: at least a decomposition removal layer forming process of preparing an electrode layer, and forming, on the electrode layer or an electric charge injection transportation layer formed on the electrode layer, a decomposition removal layer which is decomposed and removed by the action of a photocatalyst in irradiation with energy and having a different contact angle with liquid from that of the electrode layer or the electric charge injection transportation layer; a decomposition removal layer patterning process of using a photocatalyst treatment layer substrate having a photocatalyst treatment layer containing a photocatalyst formed on a substrate, and placing the photocatalyst treatment layer and the decomposition removal layer at an interval of 200 μm or less, then, conducting pattern irradiation with energy from predetermined direction so that a region to be decomposed and removed of the decomposition removal layer is irradiated with energy, to form the decomposition removal layer into a pattern; a removing process of removing the photocatalyst treatment layer from the decomposition removal layer; and process of forming an organic electroluminescent layer on the electrode layer or a decomposition removal layer according to the pattern of the

decomposition removal layer.

[Elected Drawing] FIG.1